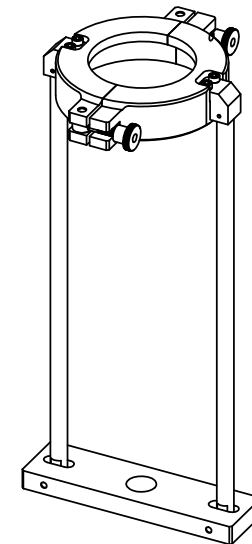
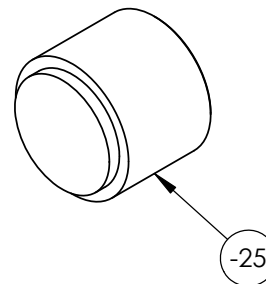
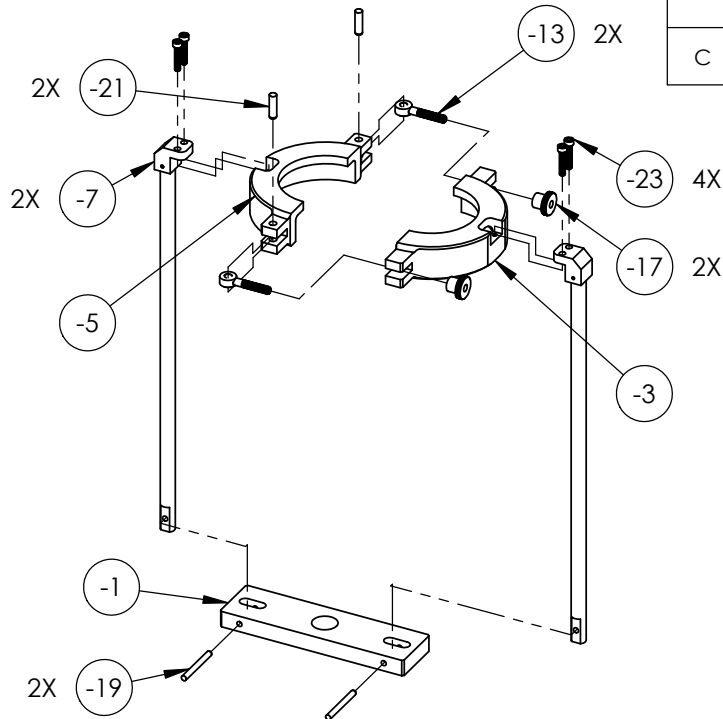


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REVISIONS

| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
|-----|---------|--|------------|---------|----------|
| 2 | 16-0220 | ADDED NOTE 1 SHEET 1. -1, -3, -5, -7 ADDED FINISH QMSI-6.2.2, B.O. REV D. -1, -7 CH'D MATERIAL WAS 1018 IS A36/1018/1020 HR. -1 CH'D DIM WAS 2X Ø.2362/2358 THRU ALL IS 2X Ø.2382/2375 (S.F. -19), WAS 8.650 IS 8.65, WAS 2.360 IS 2.36, WAS .750 IS .75. -3, -5 CH'D MATERIAL WAS 4140 IS 4140/4142, ADDED HEAT TREAT RC 28-34. -3 CH'D DIM WAS 2X .770 IS 2X .77, ADDED DIM 2X .91, ADDED ENGRAVE NOTE. -5 CH'D DIM WAS 2X .770 IS 2X .77, ADDED DIM 2X .453 ±.010, 2X .91, ADDED ENGRAVE NOTE. -7 CH'D DWG. TO SHEET METAL TOLERANCE. -9 CH'D DIM WAS .129/.125 IS Ø.129/.125 (P.F. -15), WAS Ø.625 +.005/0.000 Ψ.510 IS Ø.625 +.005/0.000 Ψ.51 (S.F. -11), WAS .240 IS 2X .240, DELETED DIM .395. -11 CH'D DIM WAS Ø(.625) IS Ø.63, WAS 1.200 IS 1.20, WAS .600 IS .60, WAS Ø.2391/.2379 THRU ALL IS Ø.2362/.2357 THRU ALL (P.F. -19), ADDED DIM .56 Ø.620/.615 (S.F. -9). | 11/14/2016 | RJC | SM |
| C | 20-109 | SHEET1: BOM ADDED -25; ADDED SHEET 8 AND ADDED -25; REMOVED BLOCKS FROM SHEET 2 THRU 7. | 23/11/2020 | RF | SAO |



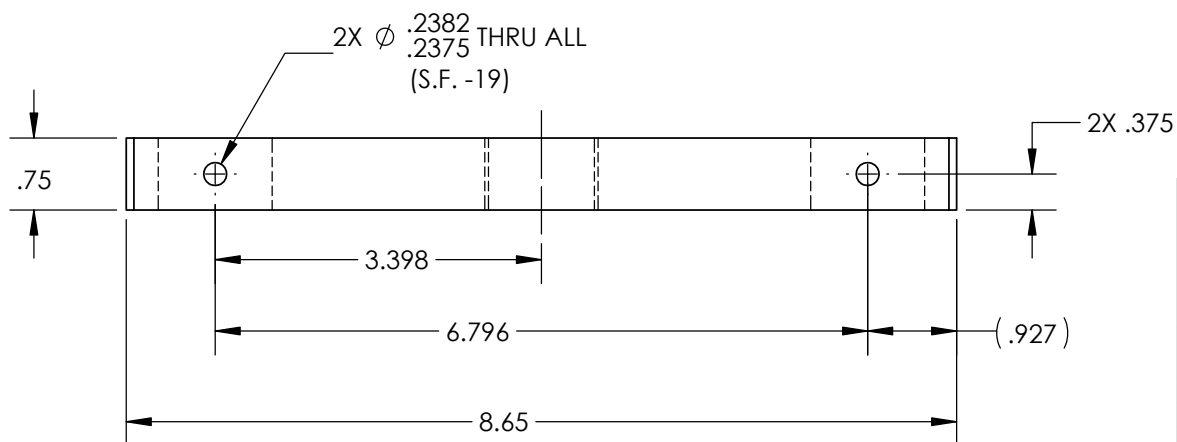
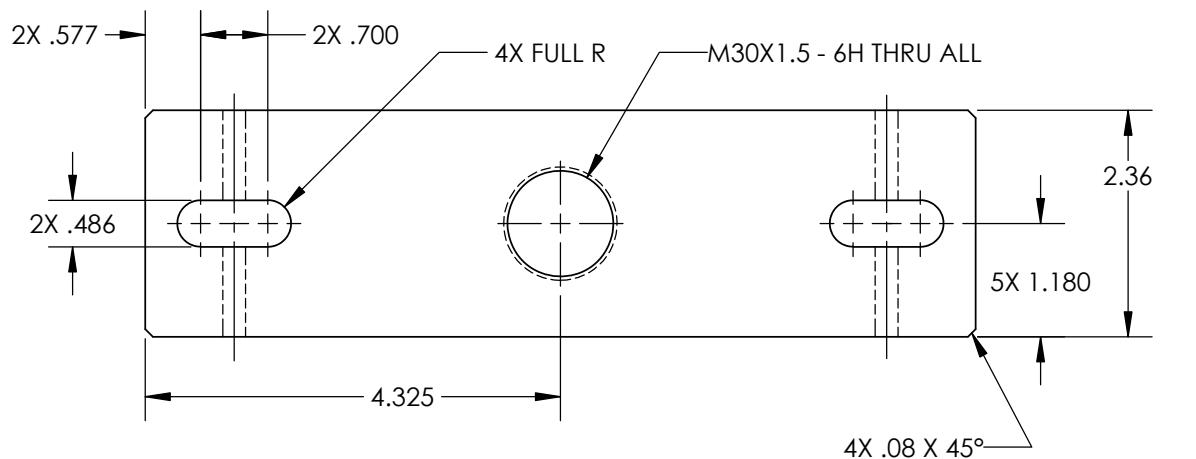
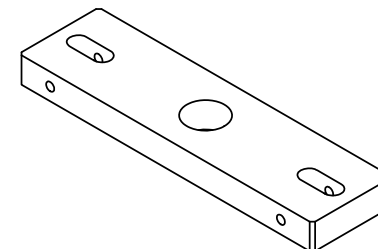
NOTES:

1. REF. EUROCOPTER T/N 1X53 166 817.
2. USED IN KIT RBEA62316

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|--------|----------|--------------|------------------|---|-----|
| | | | -1 | 1 | BASE PLATE | A36/1018/1020 HR | | 2 |
| | | | -3 | 1 | RING | 4140/4142 | | 3 |
| | | | -5 | 1 | RING 2 | 4140/4142 | | 4 |
| | X | | -7 | 2 | WELDMENT | | | 5 |
| | 1 | | -9 | | ROD TOP | A36/1018/1020 HR | | 6 |
| | 1 | | -11 | | ROD | 1018/1020 CR | | 7 |
| | | B/O | -13 | 2 | ROD END | STEEL | M8 x 1.25 X 50mm (MCMaster-CARR #3799K13) | 1 |
| | | B/O | -15 | 2 | SPRING PIN | STEEL | Ø1/8 X 7/8 (MCMaster-CARR #90692A699) | 5 |
| | | B/O | -17 | 2 | KNOB | STEEL | M8 x 1.25 (MCMaster-CARR #60765K343) | 1 |
| | | B/O | -19 | 2 | DOWEL PIN | STEEL | 6mm X 60mm (MCMaster-CARR #91595A485) | 1 |
| | | B/O | -21 | 2 | DOWEL PIN | STEEL | 8mm X 30 mm (MCMaster-CARR #91595A567) | 1 |
| | | B/O | -23 | 4 | SCREW | STEEL | M6 X 1 X 30mm SHCS (MCMaster-CARR #91290A332) | 1 |
| | | B/O | -25 | 1 | THRUST PIECE | 6061 | Ø3-1/2 X 2-7/8 | 8 |
| | ASSY -7 | | | | | | | |

| | | | |
|------------|--|---|--|
| | | TITLE | |
| | | PULLER | |
| DWG NO. | | RBE1X53-166-817 | |
| REV | | C | |
| MAT'L | | UNLESS OTHERWISE SPECIFIED | |
| HEAT TREAT | | DIMENSIONS ARE IN INCHES | |
| FINISH | | .XXX ± .005 FRACTIONS ± 1/8 | |
| SPEC | | .XX ± .01 ANGLES ±.5° | |
| DRAWN BY: | | .X ± .1 SURFACES = 125/✓ | |
| CHECKED: | | 1. BREAK ALL SHARP EDGES | |
| OPPS APPR: | | .015 x 45° OR .015R | |
| QA APPR: | | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |
| APPROVED: | | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | |
| SCALE | | USED ON MODEL | |
| 1:7 | | | |
| DATE | | 11/22/2020 | |
| | | SHEET 1 OF 8 | |

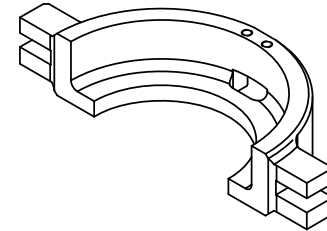
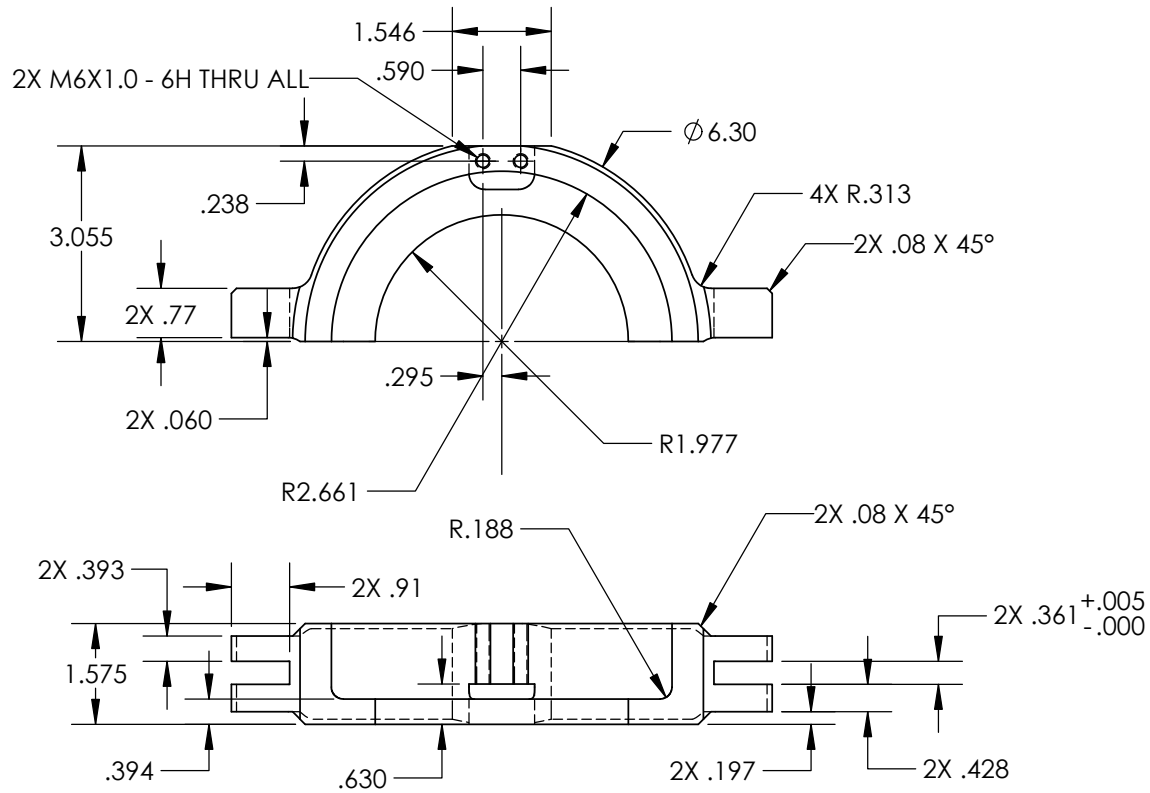
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(1)
BASE

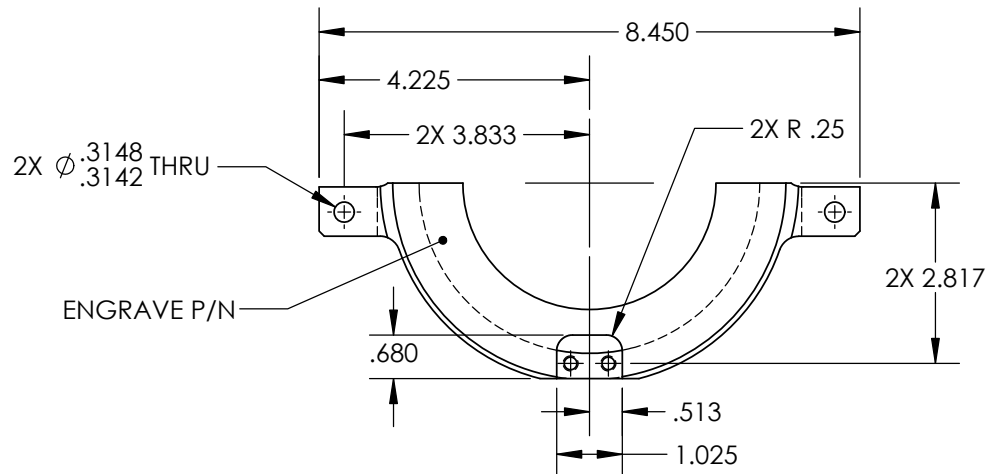
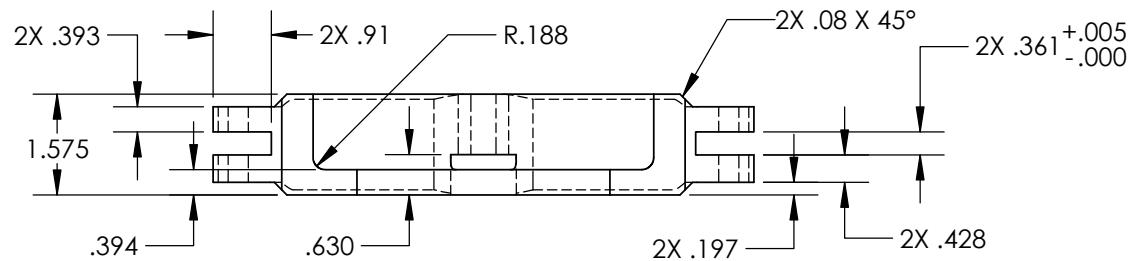
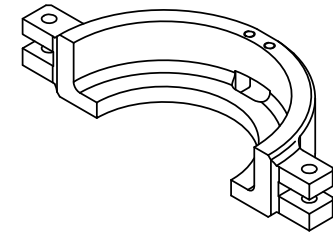
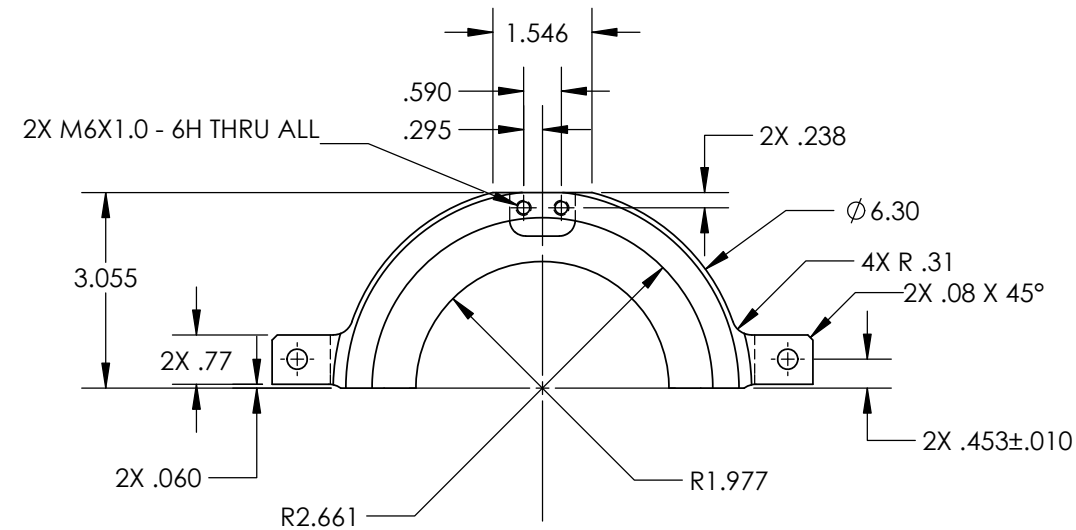
| | |
|-------------------------------------|--|
| DART AEROSPACE | |
| TITLE PULLER | |
| DWG NO. RBE1X53-166-817-1 | REV C |
| MAT'L A36/1018/1020 HR | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| HEAT TREAT | .XXX ± .005 FRACTIONS ± 1/8 |
| FINISH BLACK OXIDE | .XX ± .01 ANGLES ± .5° |
| SPEC QMSI-6.2.2, B.O. REV D | .X ± .1 SURFACES = 125° ✓ |
| DRAWN BY: RF | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| CHECKED: SAD | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| OPPS APPR: DD | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: N/A | USED ON MODEL |
| APPROVED: SAD | EC135 |
| SCALE 1:8 | DATE 11/22/2020 |
| SHEET 2 OF 8 | |

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| | | | |
|---|--------------------|--|----------|
|  | | | |
| TITLE PULLER | | | |
| DWG NO. RBE1X53-166-817-3 | | | REV C |
| MAT'L 4140/4142 | | <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°</div> <div>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</div> | |
| HEAT TREAT RC 28-34 | | | |
| FINISH BLACK OXIDE | | | |
| SPEC QMSI-6.2.2, B.O. REV D | | | |
| DRAWN BY: RF | | | |
| CHECKED: SAD | | | |
| OPPS APPR: DD | | | |
| QA APPR: N/A | | | |
| APPROVED: SAD | | | |
| SCALE 1:3 | DATE 11/22/2020 | SHEET 3 OF 8 | |

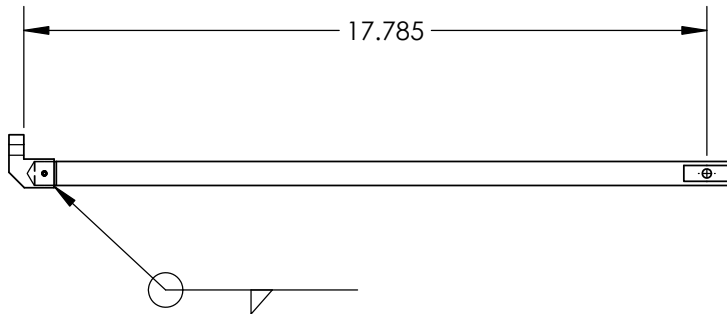
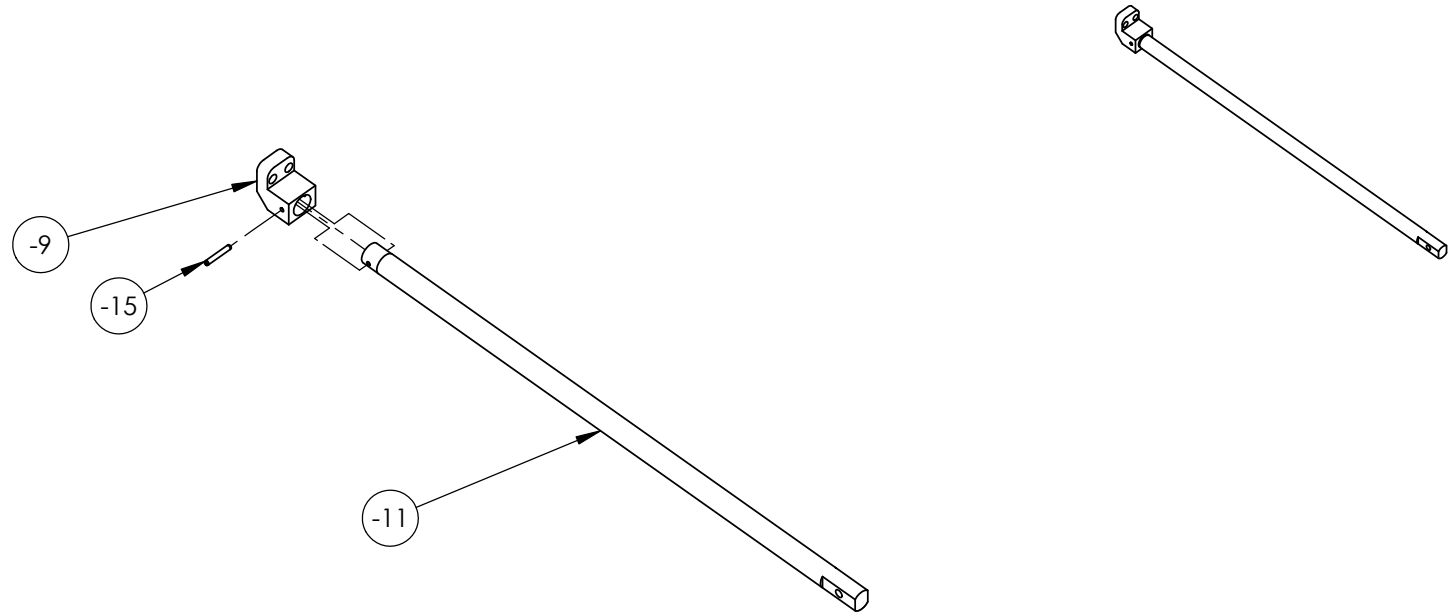
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(5)
RING2

| | | | |
|---|------------------------|--|----------|
|  | | | |
| TITLE PULLER | | | |
| DWG NO. RBE1X53-166-817-5 | | | REV C |
| MAT'L 4140/4142 | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125/√ 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | |
| HEAT TREAT RC 28-34 | | | |
| FINISH BLACK OXIDE | | | |
| SPEC QMSI-6.2.2, B.O. REV D | | | |
| DRAWN BY: RF | | | |
| CHECKED: SAD | USED ON MODEL EC135 | | |
| OPPS APPR: DD | | | |
| QA APPR: N/A | | | |
| APPROVED: SAD | | | |
| SCALE 1:3 | DATE 11/22/2020 | SHEET 4 OF 8 | |

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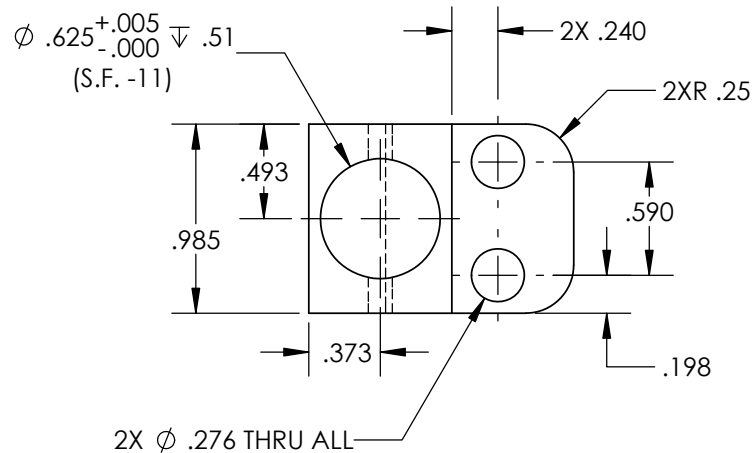
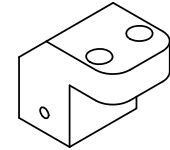
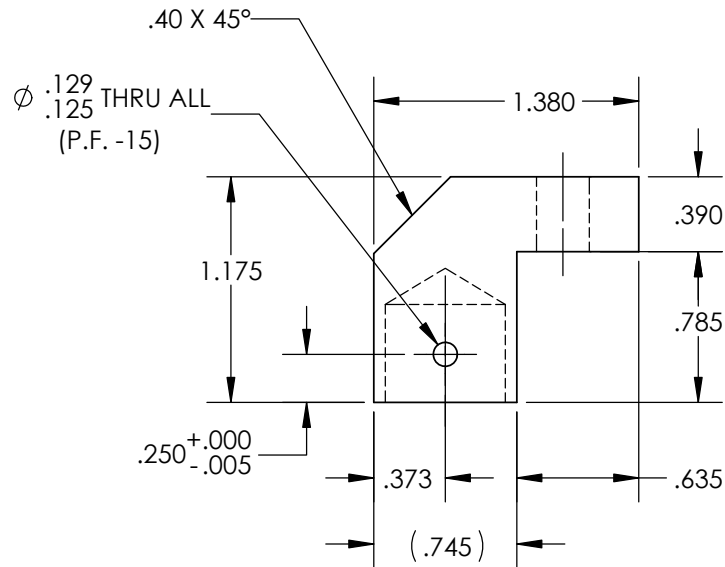


(-7)
WELDMENT

NOTE:
INSERT -15 SPRING PIN THEN WELD.

| | |
|-----------------------------|--|
| DART AEROSPACE | |
| TITLE PULLER | |
| DWG NO. | RBE1X53-166-817-7 |
| REV C | |
| MAT'L | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| HEAT TREAT | |
| FINISH BLACK OXIDE | |
| SPEC QMSI-6.2.2, B.O. REV D | |
| DRAWN BY: RF | |
| CHECKED: SAD | USED ON MODEL |
| OPPS APPR: DD | EC135 |
| QA APPR: N/A | |
| APPROVED: SAD | |
| SCALE 1:5 | DATE 11/22/2020 |
| SHEET 5 OF 8 | |

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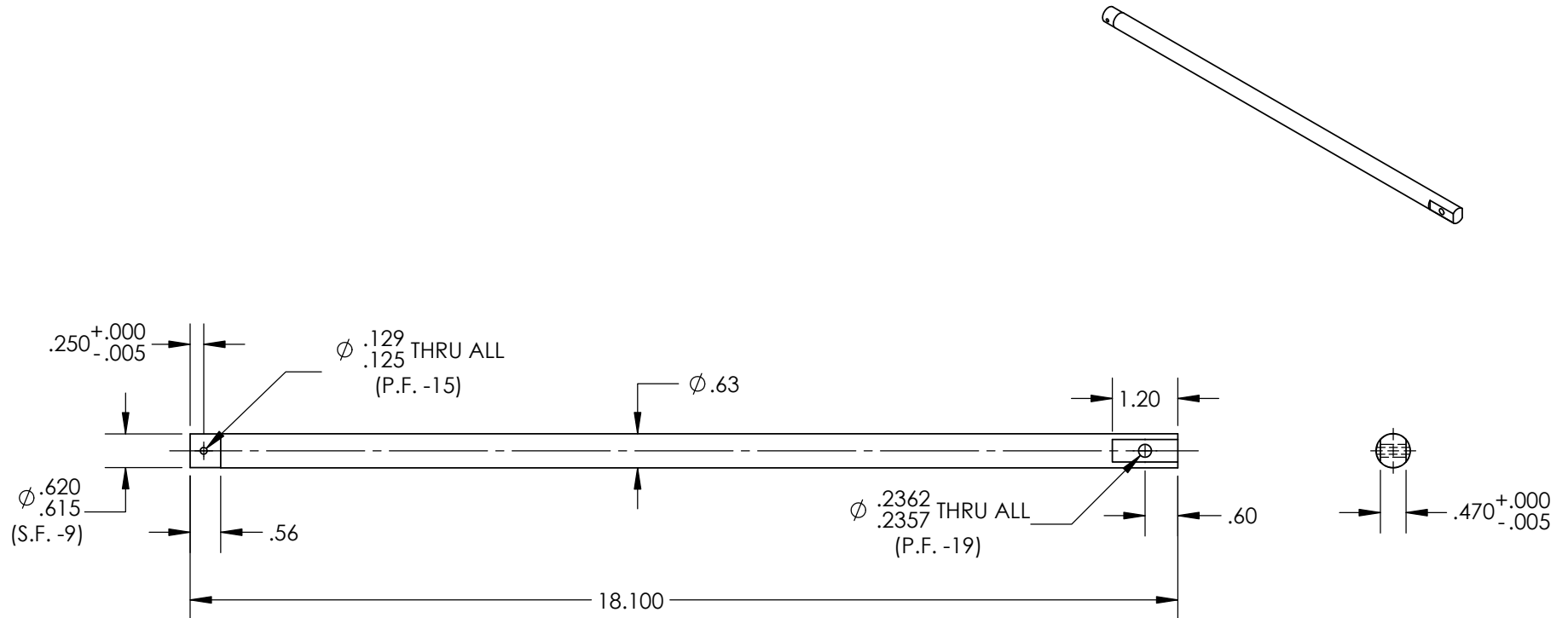


(9)

ROD TOP

| | |
|-------------------------------------|------------------------------|
| DART AEROSPACE | |
| TITLE PULLER | |
| DWG NO. RBE1X53-166-817-9 | REV C |
| MAT'L A36/1018/1020 HR | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT | DIMENSIONS ARE IN INCHES |
| FINISH SEE -7 | .XXX ± .005 FRACTIONS ± 1/8 |
| SPEC | .XX ± .01 ANGLES ± .5° |
| | .X ± .1 SURFACES = 125° |
| DRAWN BY: RF | 1. BREAK ALL SHARP EDGES |
| CHECKED: SAD | .015 x 45° OR .015R |
| OPPS APPR: DD | 2. DIMENSIONAL LIMITS APPLY |
| QA APPR: N/A | AFTER PLATING |
| APPROVED: SAD | 3. INTERPRET DIM AND TOL PER |
| | ASME Y14.5M-2009 |
| | USED ON MODEL |
| | EC135 |
| SCALE 1:1 | DATE 11/22/2020 |
| | SHEET 6 OF 8 |

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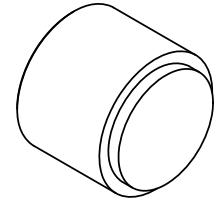
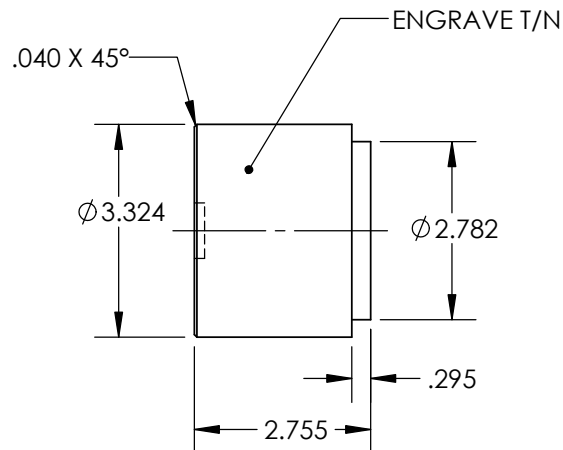
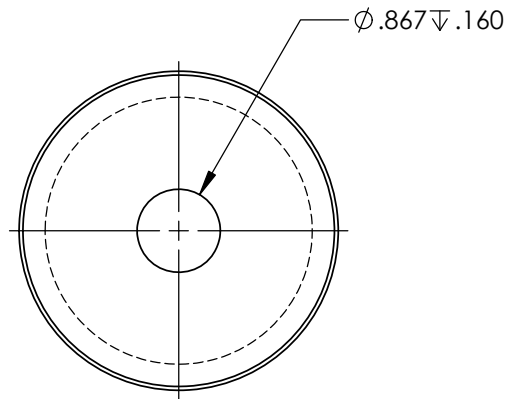


(-11)

ROD

| | |
|--------------------------------------|------------------------------|
| DART AEROSPACE | |
| TITLE PULLER | |
| DWG NO. RBE1X53-166-817-11 | REV C |
| MAT'L 1018/1020 CR | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT | DIMENSIONS ARE IN INCHES |
| FINISH SEE -7 | .XXX ± .005 FRACTIONS ± 1/8 |
| SPEC | .XX ± .01 ANGLES ± .5° |
| | .X ± .1 SURFACES = 125° |
| DRAWN BY: RF | 1. BREAK ALL SHARP EDGES |
| CHECKED: SAD | .015 x 45° OR .015R |
| OPPS APPR: DD | 2. DIMENSIONAL LIMITS APPLY |
| QA APPR: N/A | AFTER PLATING |
| APPROVED: SAD | 3. INTERPRET DIM AND TOL PER |
| | ASME Y14.5M-2009 |
| | USED ON MODEL |
| | EC135 |
| SCALE 1:3 | DATE 11/22/2020 |
| | SHEET 7 OF 8 |

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(-25)

THRUST PIECE

| | |
|------------------------------------|--|
| DART AEROSPACE | |
| TITLE PULLER | |
| DWG NO. | RBE1X53-166-817-25 |
| | REV C |
| MAT'L 6061-T6 | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| HEAT TREAT | |
| FINISH CLEAR ANODIZE | |
| SPEC MIL-A-8625F, TYPE II, CLASS I | |
| DRAWN BY: RF | |
| CHECKED: SAD | USED ON MODEL |
| OPPS APPR: DD | EC135 |
| QA APPR: N/A | |
| APPROVED: SAD | |
| SCALE 1:3 | DATE 11/22/2020 |
| SHEET 8 OF 8 | |